



SEQUENCE LISTING

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<120> ALLO- AND AUTO-REACTIVE T-CELL EPITOPES

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<160> 152

<170> PatentIn Ver. 2.1

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<223> RhCE (R2 cE) Residues 2-16

<400> 1

Ser Ser Lys Tyr Pro Arg Ser Val Arg Arg Cys Leu Pro Leu Trp
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Cys Leu Pro Leu Trp Ala Leu Thr Leu Glu Ala Ala Leu Ile Leu
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<223> RhCE (R2 cE) Residue 22-36

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Ala Ala Leu Ile Leu Leu Phe Tyr Phe Phe Thr His Tyr Asp Ala

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<223> RhCE (R2 cE) Residues 32-46

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Thr His Tyr Asp Ala Ser Leu Glu Asp Gln Lys Gly Leu Val Ala

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Lys Gly Leu Val Ala Ser Tyr Gln Val Gly Gln Asp Leu Thr Val

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Gln Asp Leu Thr Val Met Ala Ala Leu Gly Leu Gly Phe Leu Thr
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<223> RhCE (R2 cE) Residue 62-76

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Leu Gly Phe Leu Thr Ser Asn Phe Arg Arg His Ser Trp Ser Ser
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<223> RhCE (R2 cE) Residue 72-86

<400> 8

His Ser Trp Ser Ser Val Ala Phe Asn Leu Phe Met Leu Ala Leu
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<223> RhCE (R2 cE) Residue 82-96

<400> 9

Phe Met Leu Ala Leu Gly Val Gln Trp Ala Ile Leu Leu Asp Gly
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<400> 10
Ile Leu Leu Asp Gly Phe Leu Ser Gln Phe Pro Pro Gly Lys Val
1 5 10 15

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Pro Pro Gly Lys Val Val Ile Thr Leu Phe Ser Ile Arg Leu Ala
1 5 10 15

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<400> 12
Ser Ile Arg Leu Ala Thr Met Ser Ala Met Ser Val Leu Ile Ser
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<223> RhCE (R2 cE) Residue 122-136

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Ser Val Leu Ile Ser Ala Gly Ala Val Leu Gly Lys Val Asn Leu
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<223> RhCE (R2 cE) Residue 132-146

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Gly Lys Val Asn Leu Ala Gln Leu Val Val Met Val Leu Val Glu
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<223> RhCE (R2 cE) Residue 142-156

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Met Val Leu Val Glu Val Thr Ala Leu Gly Thr Leu Arg Met Val
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<223> RhCE (R2 cE) Residue 152-166

<400> 16

Thr Leu Arg Met Val Ile Ser Asn Ile Phe Asn Thr Asp Tyr His
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<223> RhCE (R2 cE) Residue 162-176

<400> 17

Asn Thr Asp Tyr His Met Asn Leu Arg His Phe Tyr Val Phe Ala
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<210> 18

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<223> RhCE (R2 cE) Residue 172-186

<400> 18

Phe Tyr Val Phe Ala Ala Tyr Phe Gly Leu Thr Val Ala Trp Cys
1 5 10 15

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<223> RhCE (R2 cE) Residue 182-196

<400> 19

Thr Val Ala Trp Cys Leu Pro Lys Pro Leu Pro Lys Gly Thr Glu
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Pro Lys Gly Thr Glu Asp Asn Asp Gln Arg Ala Thr Ile Pro Ser
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Ala Thr Ile Pro Ser Leu Ser Ala Met Leu Gly Ala Leu Phe Leu
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Gly Ala Leu Phe Leu Trp Met Phe Trp Pro Ser Val Asn Ser Pro
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<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 222-236

<400> 23

Ser Val Asn Ser Pro Leu Leu Arg Ser Pro Ile Gln Arg Lys Asn

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<223> RhCE (R2 cE) Residue 232-246

<400> 24

Ile Gln Arg Lys Asn Ala Met Phe Asn Thr Tyr Tyr Ala Leu Ala

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<210> 25

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<223> RhCE (R2 cE) Residue 242-256

<400> 25

Tyr Tyr Ala Leu Ala Val Ser Val Val Thr Ala Ile Ser Gly Ser

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<210> 26

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<223> RhCE (R2 cE) Residue 252-266

<400> 26

Ala Ile Ser Gly Ser Ser Leu Ala His Pro Gln Arg Lys Ile Ser

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<210> 27
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<400> 27
Gln Arg Lys Ile Ser Met Thr Tyr Val His Ser Ala Val Leu Ala
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<210> 28
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<400> 28
Ser Ala Val Leu Ala Gly Gly Val Ala Val Gly Thr Ser Cys His
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<210> 29
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<223> RhCE (R2 cE) Residue 282-296

<400> 29
Gly Thr Ser Cys His Leu Ile Pro Ser Pro Trp Leu Ala Met Val
1 5 10 15

<210> 30
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<223> RhCE (R2 cE) Residue 292-306

<400> 30

Trp Leu Ala Met Val Leu Gly Leu Val Ala Gly Leu Ile Ser Ile

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<210> 31

<211> 15

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<223> RhCE (R2 cE) Residue 302-316

<400> 31

Gly Leu Ile Ser Ile Gly Gly Ala Lys Cys Leu Pro Val Cys Cys

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<210> 32

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<223> RhCE (R2 cE) Residue 312-326

<400> 32

Leu Pro Val Cys Cys Asn Arg Val Leu Gly Ile His His Ile Ser

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<210> 33

<211> 15

<212> PRT

<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 322-336

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Ile His His Ile Ser Val Met His Ser Ile Phe Ser Leu Leu Gly
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<210> 34

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<213> Homo sapiens

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<223> RhCE (R2 cE) Residue 332-346

<400> 34

Phe Ser Leu Leu Gly Leu Leu Gly Glu Ile Thr Tyr Ile Val Leu
1 5 10 15

<210> 35

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<223> RhCE (R2 cE) Residue 342-356

<400> 35

Thr Tyr Ile Val Leu Leu Val Leu His Thr Val Trp Asn Gly Asn
1 5 10 15

<210> 36

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<223> RhCE (R2 cE) Residue 352-366

<400> 36

Val Trp Asn Gly Asn Gly Met Ile Gly Phe Gln Val Leu Leu Ser
1 5 10 15

<210> 37
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<223> RhCE (R2 cE) Residue 362-376

<400> 37
Gln Val Leu Leu Ser Ile Gly Glu Leu Ser Leu Ala Ile Val Ile
1 5 10 15

<210> 38
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<223> RhCE (R2 cE) Residue 372-386

<400> 38
Leu Ala Ile Val Ile Ala Leu Thr Ser Gly Leu Leu Thr Gly Leu
1 5 10 15

<210> 39
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<400> 39
Leu Leu Thr Gly Leu Leu Leu Asn Leu Lys Ile Trp Lys Ala Pro
1 5 10 15

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<223> RhCE (R2 cE) Residue 392-406

<400> 40

Ile Trp Lys Ala Pro His Val Ala Lys Tyr Phe Asp Asp Gln Val
1 5 10 15

<210> 41

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<223> RhCE (R2 cE) Residue 402-416

<400> 41

Phe Asp Asp Gln Val Phe Trp Lys Phe Pro His Leu Ala Val Gly
1 5 10 15

<210> 42

<211> 15

<212> PRT

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<223> RhCE (R2 cE) Residue 403-417

<400> 42

Asp Asp Gln Val Phe Trp Lys Phe Pro His Leu Ala Val Gly Phe
1 5 10 15

<210> 43

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<212> PRT

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<223> RhCE (R1 Ce) Residue 2-16

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Ser Ser Lys Tyr Pro Arg Ser Val Arg Arg Cys Leu Pro Leu Cys
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<223> RhCE (R1 Ce) Residue 12-26

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Cys Leu Pro Leu Cys Ala Leu Thr Leu Glu Ala Ala Leu Ile Leu
1 5 10 15

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<223> RhCE (R1 Ce) Residue 212-226

<400> 45

Gly Ala Leu Phe Leu Trp Met Phe Trp Pro Ser Val Asn Ser Ala
1 5 10 15

<210> 46

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<223> RhCE (R1 Ce) Residue 222-236